

PROJECT 10073 RECORD CARD

1. DATE <u>14 Apr 58</u>		2. LOCATION <u>Lynchburg, Virginia</u>		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other <u>UNIDENTIFIED</u> <input type="checkbox"/> Insufficient Data for Evaluation <input checked="" type="checkbox"/> Unknown	
3. DATE-TIME GROUP Local <u>1220 EST</u> GMT <u>14/1720Z</u>		4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input checked="" type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar			
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6. SOURCE <u>Military</u>			
7. LENGTH OF OBSERVATION <u>4 SECS</u>		8. NUMBER OF OBJECTS <u>one</u>		9. COURSE <u>NE</u>	
10. BRIEF SUMMARY OF SIGHTING A grey-black obj was sighted a little above & to the right of the aircraft nose. It was falling at an angle in a trembling motion.				11. COMMENTS From the description of the obj, it could possibly be a piece of cowlings or metal fm another a/c. However, no data to support this is included. Case considered as unidentified.	

16. Tell in a few words the following things about the object.

a. Sound NONE

b. Color GREY-BLACK - CHARCOAL COLOR - SLIGHTLY MOLTEN.

17. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.



APPROX 14. INCHES SQUARE
 $1\frac{1}{2}$ " THICK, WITH ROUNDED
 EDGES. (OBJECT ROTATED
 AROUND DOTTED AXIS
 VERY SLOWLY), APPEARED
 TO BE AS HEAVY AS IRON,
 AND OF SOLID CONSTRUCTION.

18. The edges of the object were:

(Circle One): a. Fuzzy or blurred
 b. Like a bright star

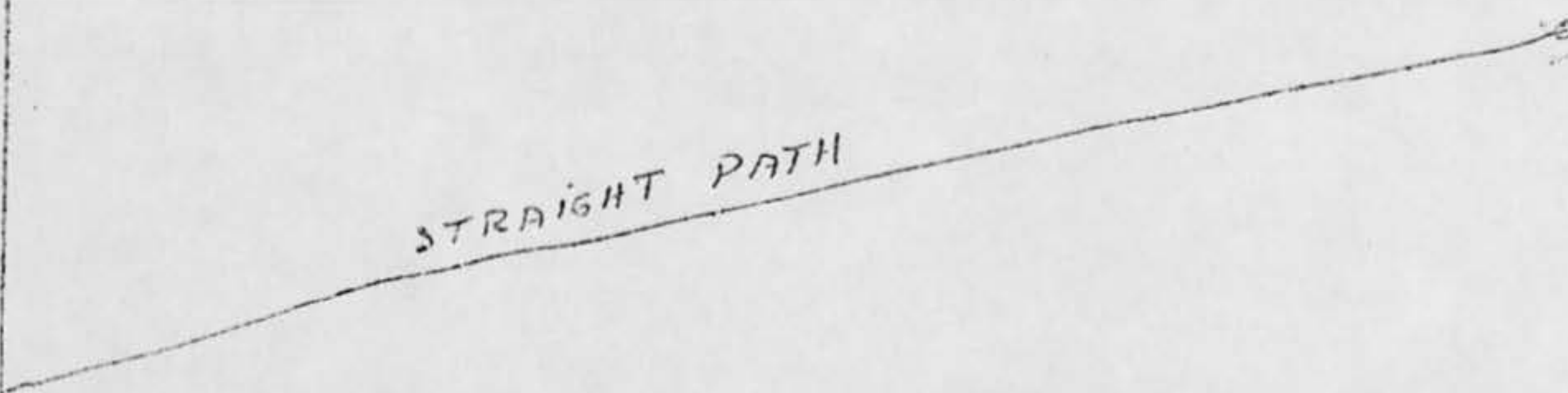
☒ c. Sharply outlined BUT SOMEWHAT MOLTEN.
 d. Don't remember

e. Other _____

19. IF there was MORE THAN ONE object, then how many were there? _____
 Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

20. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

STRAIGHT PATH



21. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension.

1 1/4 feet.

22. How large did the object or objects appear as compared with one of the following objects held in the hand and at about arm's length?

(Circle One):

- a. Head of a pin
- b. Pea
- c. Dime
- d. Nickel
- e. Quarter
- f. Half dollar

- g. Silver dollar
- h. Baseball
- i. Grapefruit
- j. Basketball

☒ k. Other NO TIME TO PERFORM THIS CHECK.

- 22.1 (Circle One of the following to indicate how certain you are of your answer to Question 22.

- a. Certain
- b. Fairly certain

- c. Not very sure
- d. Uncertain

23. How did the object or objects disappear from view? TREES AND TERRAIN
OBSCURED OBJECT FROM VIEW AS IT FELL INTO
THE GROUND.

24. In order that you can give as clear a picture as possible of what you saw, we would like for you to imagine that you could construct the object that you saw. Of what type material would you make it? How large would it be, and what shape would it have? Describe in your own words a common object or objects which when placed up in the sky would give the same appearance as the object which you saw.

IRON CASTING, OR SOME OTHER HEAVY THICK
 SOLID METAL. 14" SQUARE, 1 1/2" THICK,
 SOLID, AS A SECTION OF PLATE STEEL, BUT
 OF CHARCOAL COLOR.

25. Where were you located when you saw the object?
(Circle One):

- a. Inside a building
- b. In a car
- c. Outdoors
- ☒ d. In an airplane
- e. At sea
- f. Other _____

26. Were you (Circle One)

- a. In the business section of a city?
- b. In the residential section of a city?
- ☒ c. In open countryside?
- d. Flying near an airfield?
- e. Flying over a city?
- f. Flying over open country?
- g. Other _____

27. What were you doing at the time you saw the object, and how did you happen to notice it?

LOOKING AHEAD FLYING AIRCRAFT.

28. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

28.1 What direction were you moving? (Circle One)

- a. North
- b. Northeast
- c. East
- d. Southeast
- ☒ e. South - SSW
- ☒ f. Southwest
- g. West
- h. Northwest

28.2 How fast were you moving? 155 miles per hour.

28.3 Did you stop at any time while you were looking at the object?

(Circle One) Yes ☐ No ☒

29. What direction were you looking when you first saw the object? (Circle One)

- a. North
- b. Northeast
- c. East
- d. Southeast
- ☒ e. South
- ☒ f. Southwest
- g. West
- h. Northwest

30. What direction were you looking when you last saw the object? (Circle One)

- a. North
- ☒ b. Northeast
- c. East
- d. Southeast
- e. South
- f. Southwest
- g. West
- h. Northwest

31. If you are familiar with bearing terms (angular direction), try to estimate the number of degrees the object was from true North and also the number of degrees it was upward from the horizon (elevation).

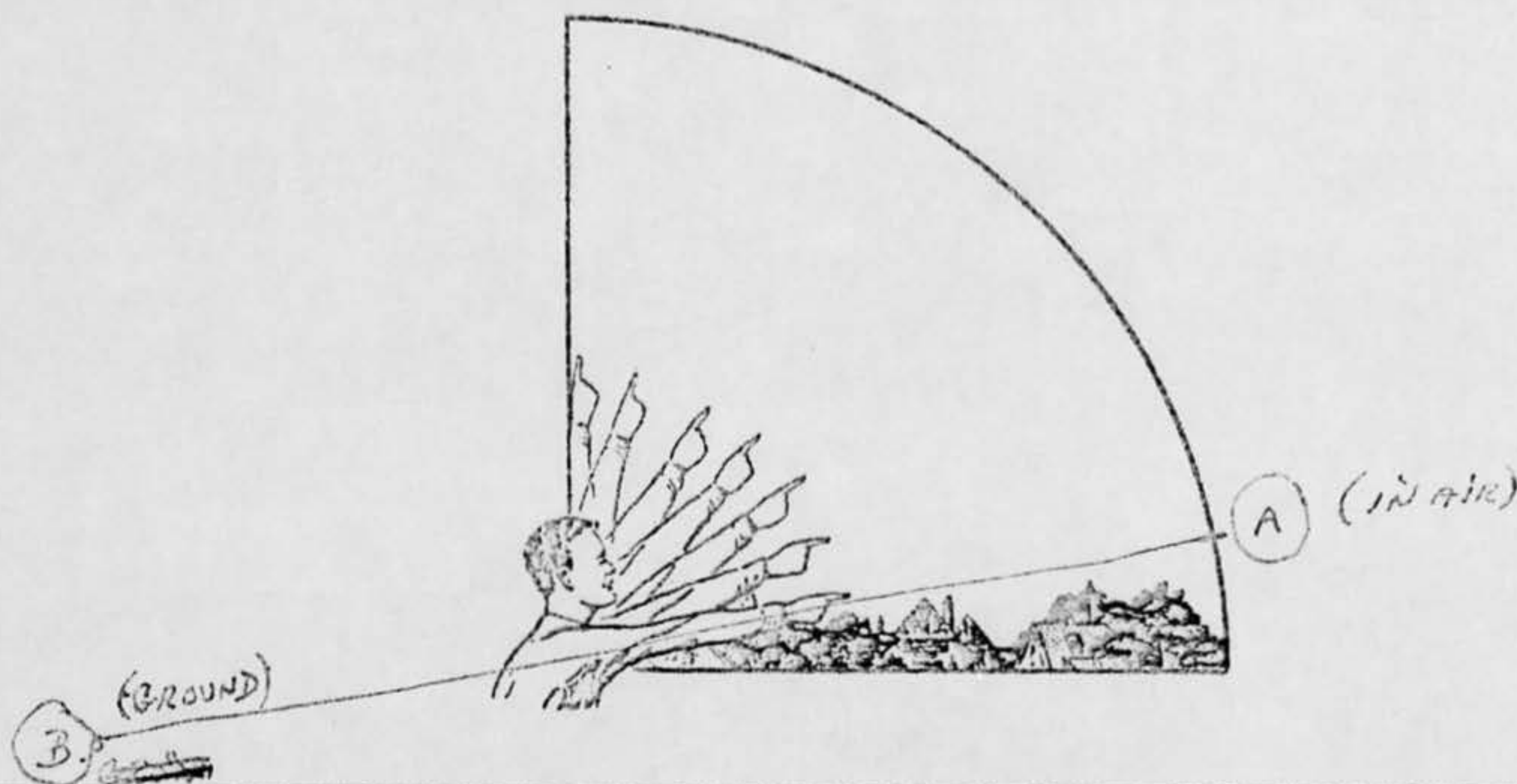
31.1 When it first appeared:

- a. From true North 235 degrees.
- b. From horizon + 20 degrees.

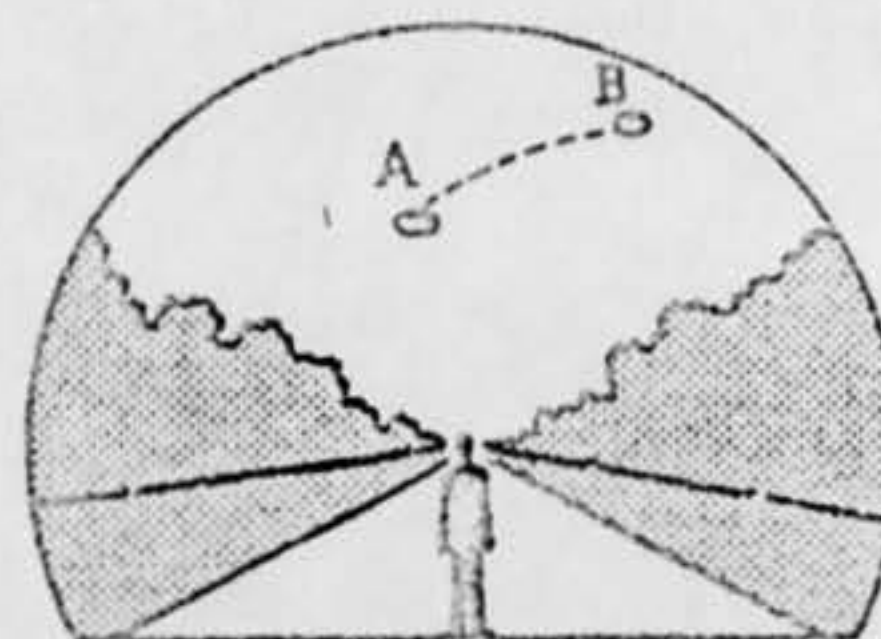
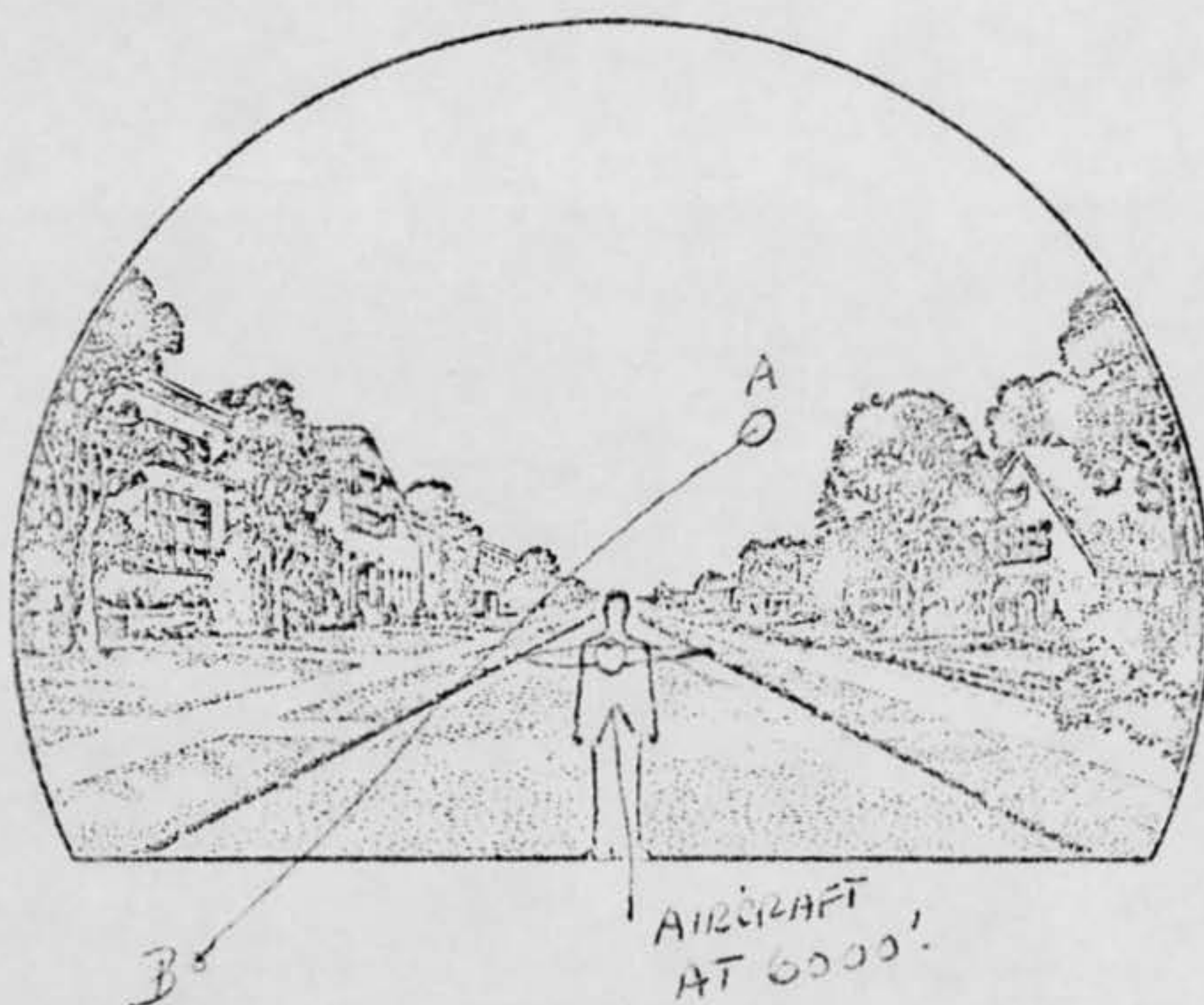
31.2 When it disappeared:

- a. From true North 55 degrees.
- b. From horizon MINUS 20 degrees.

32. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it.



33. In the following larger sketch place an "A" at the position the object was when you *first* saw it, and a "B" at its position when you *last* saw it. Refer to smaller sketch as an example of how to complete the larger sketch.



34. What were the weather conditions at the time you saw the object?

34.1 CLOUDS (Circle One)

- a. Clear sky
- b. Hazy
- c. Scattered clouds
- d. Thick or heavy clouds
- e. Don't remember

34.2 WIND (Circle One)

- a. No wind
- b. Slight breeze
- c. Strong wind
- d. Don't remember

34.3 WEATHER (Circle One)

- a. Dry
- b. Fog, mist, or light rain
- c. Moderate or heavy rain
- d. Snow
- e. Don't remember

34.4 TEMPERATURE (Circle One)

- a. Cold
- b. Cool
- c. Warm
- d. Hot
- e. Don't remember

35. When did you report to some official that you had seen the object?

14

Day

APR

Month

1958

Year

36. Was anyone else with you at the time you saw the object?

(Circle One)

Yes

No

36.1 IF you answered YES, did they see the object too?

(Circle One) Yes

No

36.2 Please list their names and addresses:

MAJ.

HQ EADF. STEWART AFB. N.Y.

37. Was this the first time that you had seen an object or objects like this?

(Circle One)

Yes

No

37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

38. In your opinion what do you think the object was and what might have caused it?

A COOLED OFF PIECE OF MACHINE CASTING OR METALLIC
PLATE THAT WAS ORIGINALLY A PART OF AN
ENGINE OR MISSILE AIRFRAME -

Answer

39. Do you think you can estimate the speed of the object?

(Circle One) ☒ Yes ☐ No

IF you answered YES, then what speed would you estimate?

300 m.p.h.

40. Do you think you can estimate how far away from you the object was?

(Circle One) ☐ Yes ☐ No

IF you answered YES, then how far away would you say it was?

1000 feet.

WHEN IT
PASSED JUST
UNDER THE
LEFT WING

41. Please give the following information about yourself:

NAME

Last Name

First Name

Middle Name

ADDRESS

Street

City

Zone

State

TELEPHONE NUMBER

What is your present job? CHIEF, SUPPLY INSPECTION. HQ. EADF, STEWART AFB.

Age

40

Sex

MALE

Please indicate any special educational training that you have had.

a. Grade school _____

b. High school _____

☒ c. College _____

d. Post graduate _____

e. e. Technical school _____

(Type) _____

f. Other special training _____

42. Date you completed this questionnaire:

20

Day

MAY

Month

1958.

Year

The exact time or location of the sighting is not given. However, the object might have been a piece of cowling off some part from a Navy plane or from some other A/C.

~~Other~~ Other (Poss piece of cowling)

U. S. AIR FORCE TECHNICAL INFORMATION SHEET

(SUMMARY DATA)

In order that your information may be filed and coded as accurately as possible, please use the following space to write out a short description of the event that you observed. You may repeat information that you have already given in the questionnaire, and add any further comments, statements, or sketches that you believe are important. Try to present the details of the observation in the order in which they occurred. Additional pages of the same size paper may be attached if they are needed.

NAME [REDACTED]
(Please Print)

SIGNATURE [REDACTED]

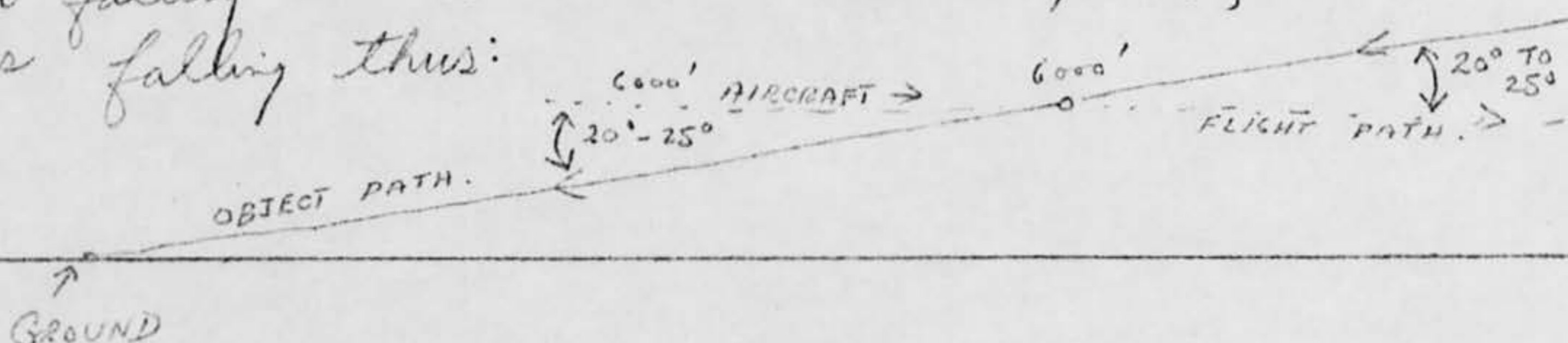
DATE 20 May 1958.

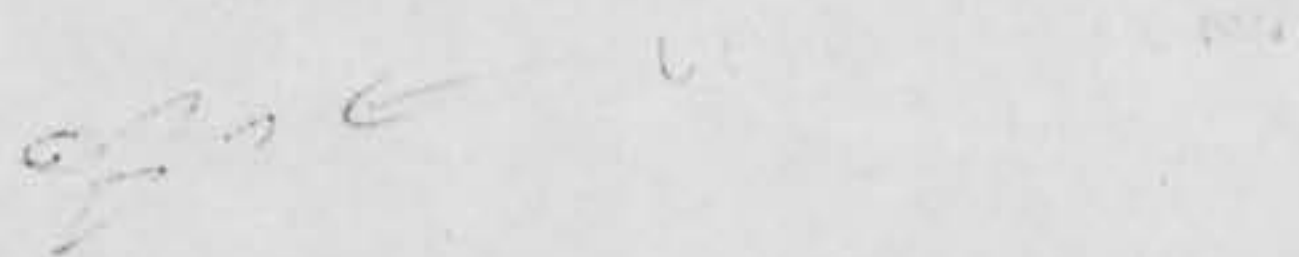
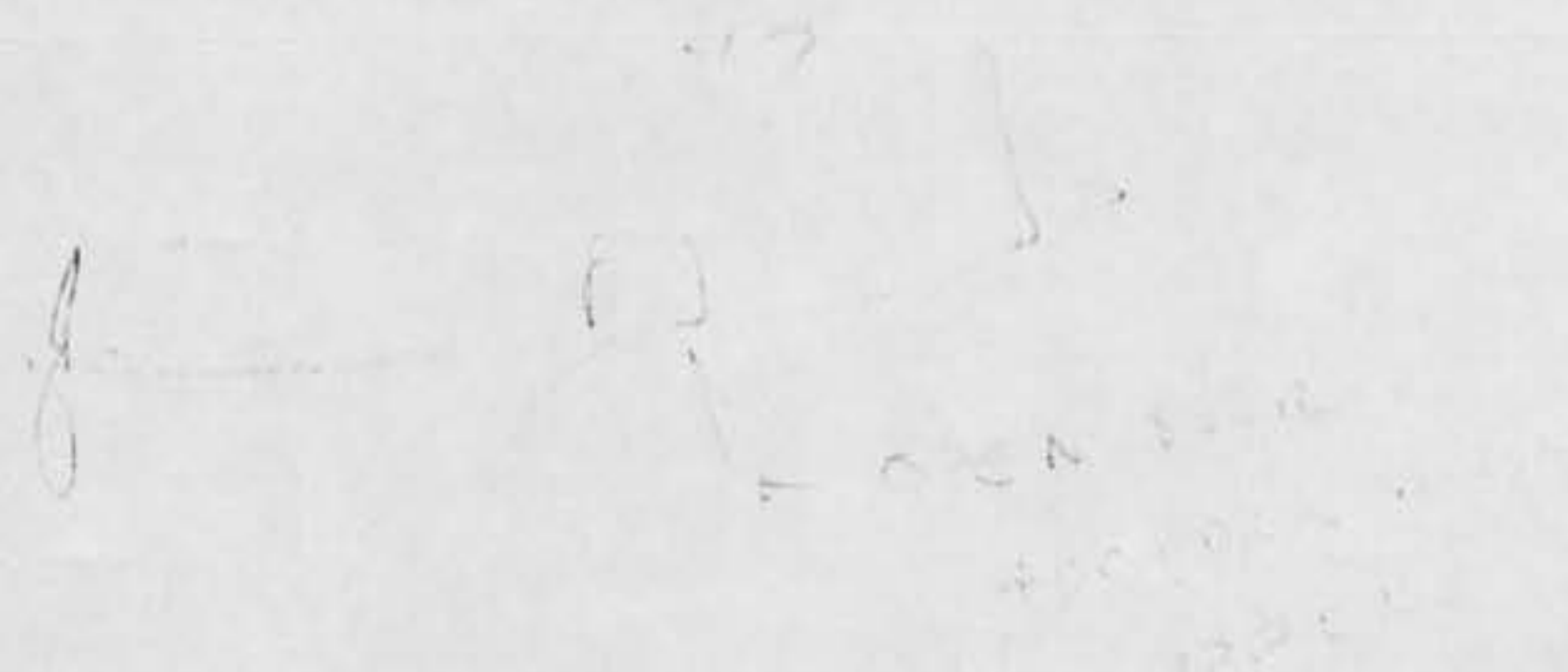
(Do Not Write in This Space)

CODE:

ORIGINAL REPORT WAS FILED WITH HQ. 35TH AIR DIVISION (DEF).
MARIETTA AFB, GEORGIA, IMMEDIATELY AFTER LANDING THERE
ON 14 APR. 1958 (REF. MESSAGE BW DOI 58-122 CIRVIS
REPORT FROM 836TH A DIV LANGLEY AFB, VA.)

The weather was good, with only high stratus.
We were flying at 6000'. This object appeared
15° to 20° above the horizon in a straight path,
rotating slowly, and passed off my left wing
(and slightly below it) at a distance estimated at
1000'. The object was lost to sight as it
plunged into the ground due to terrain and foliage.
Its speed was estimated at 300 mph. and it was in sight
a total of four seconds. It maintained what appeared
to be a straight path, slowly rotating, and was
not falling at all near a vertical path, but
was falling thus:





50289

17464
3-4X2a
ad

NNNN

SQH015T SQE128 TYB201HQE053

OO RJEDSQ

ZDK

HQD052

OO RJEDSQ

DE RJEPHQ 801

O 161345Z

FM HEDUSAF

TO RJEDSQ/ATIC WPAFB OHIO

Send TWX For More
INFO

O 161345Z

FM COMDR 836 ADIV LANGLEY AFB VA

TO RJEDDN/COMDR ADC

RDEGK/COMEASTSEAFRON

RJEPHQ/COFS USAF

BT

UNCL FROM INTEL BWDOI 58-122.;V SUBJECT: CIRVIS REPORT.

FOLLOWING REPORT RECEIVED THIS OFFICE 16/2150 ZULU FROM INTEL

OFFICER 48TH FIGHTER INTERCEPTOR SQ THIS BASE. QUOTE. UNKNOWN

FLYING OBJECT REPORTED 6 MILES^{IS} SEEN

Six Miles from base and
in what direction?

AT AN ELEVATION OF 35 TO 40 DEGREES ABOVE THE OBSERVER AT 1:00

O'CLOCK FROM HIS POSITION. THE AIRCRAFT ITSELF WAS TRAVELING

NO SPECIFIC LOCATION or TIME OF SIGHTING
Given by observer

LOCATION 145 mi from TAS

TO RJEDDN/COMDR ADC
RBECK/COM EASTSEA FRON
RJEPHQ/COFS USAF
BT

UNCL FROM INTEL BWDOI 58-122.;V SUBJECT: CIRVIS REPORT.

FOLLOWING REPORT RECEIVED THIS OFFICE 16/2150 ZULU FROM INTEL
OFFICER 48TH FIGHTER INTERCEPTOR SQ THIS BASE. QUOTE. UNKNOWN

FLYING OBJECT REPORTED 6 MILES ¹⁵ ~~YEEN~~

*Six miles away and
in what direction?*

AT AN ELEVATION OF 35 TO 40 DEGREES ABOVE THE OBSERVER AT 1:00

O'CLOCK FROM HIS POSITION. THE AIRCRAFT ITSELF WAS TRAVELING

*NO SPECIFIC LOCATIONS or TIME OF SIGHTING
GIVEN by observer*

LOCATION 145 Mi From TAS

PAGE TWO RJEPHQ 801

ON A HEADING OF 215 DEGREES, THE OBJECT FELL WITH SLOW ROLLING

MOTION. THE COLOR WAS CHARCOAL, GRAYISH BLACK THERE WAS NO

EXHAUST, NO SOUND, NO VAPOR. IT DESAPPEARED TO THE REAR OF THE

AIRCRAFT. THE NAME OF THE REPORTER HERE WAS ~~REDACTED~~

MAJOR USAF, FROM HQ EADF, OFFICE OF THE IG, STEWART AFB, NEWBURGH,

N.Y. WEATHER CAN BE DETERMINED BY LANGLEY, TYPE OF AIRCRAFT-C-47,

ESTIMATED 145 TAS AT TIME OF SIGHTING. YOU MAY REACH MAJOR

~~REDACTED~~ AT HQ 35TH AIR DIVISION DOBBINS AFB. HE IS TDY FROM EADF

AND WAS ENROUTE DURING THE SITING. HE IS ON AN INSPECTION TOUR.

END OF QUOTE. LANGLEY WEATHER OFFICER REPORTS WEATHER 1200 14

APR LYNCHBURG CLEAR, VISIBILITY 30 MILES, FEW CUMULUS. WEATHER

1300 SAME.

INSUFF INFO

BT

17/0552Z APR RJEPHQ

JOINT MESSAGEFORM				SECURITY CLASSIFICATION UNCLASSIFIED	
SPACE BELOW RESERVED FOR COMMUNICATION CENTER					
<div style="position: relative; width: 100%; height: 100%;"> 15 232 256E <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em; font-family: cursive;"> 10/25/1988 </div> </div>					
PRECEDENCE		TYPE MSG (Check)		ACCOUNTING SYMBOL	ORIG. OR REFERS TO
ACTION ROUTINE		BOOK	MULTI	SINGLY X	AF
INFO				BWDOI 58-122	CLASSIFICATION OF REFERENCE UNCL
FROM: COMDR ATIC					SPECIAL INSTRUCTIONS
TO: COMDR, 35TH AIR DIVISION, DOBBINS AFB, GEORGIA /UNCL/FROM: AFCIN-4E4 <u>4-790-E</u> REFERENCE MESSAGE BWDOI 58-122, CIRVIS REPORT, FROM 836 ADIV LANGLEY AFB, VIRGINIA. REQUEST YOUR ORGANIZATION CONTACT MAJOR ██████████, HQ EADF, IG OFFICE, WHO IS ON TDY WITH 35TH ADIV, TO OBTAIN A DETAILED REPORT OF THE ABOVE OFFICER'S SIGHTING OF A UFO, AS PRESCRIBED BY PARAGRAPH 15, AFR 200-2, DATED 5 FEBRUARY 1958. DATA IN ORIGINAL REPORT RATHER LIMITED IN SCOPE TO EVALUATE OR FORM ANY VALID CONCLUSION. REFERENCE PARAGRAPH 6, AFR 200-2, AUTHORITY FOR THIS REQUEST. REPORT BY TT MESSAGE DESIRED* COORDINATION AFCIN-4E4 <u>Dr. H. A. Miley</u> DATE <u>24 Apr. 58</u> AFCIN-4E <u>H.K. Gilbert</u> DATE <u>24 Apr.</u> Col H.K. Gilbert					<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> DATE 24 TIME 0815 MONTH APR YEAR 58 </div>
WRITER SYMBOL AFCIN-4E4 TYPED NAME AND TITLE <u>T/3gt James Polieu</u> PHONE 69216 SECURITY CLASSIFICATION UNCLASSIFIED			RELEASEE SIGNATURE <u>Wallace W. Lewood</u> TYPED (or stamped) NAME AND TITLE WALLACE W. LEWOOD Capt, USAF Public Affairs Representative Officer		

RB102

ASQF232 VYD176KBA092

RR RJEDSQ

DE RJESKB 37

R 291940Z

FM COMDR 35CADD

TO COMDR ATIC

BT

/UNCLASSIFIED/INT 2662. REFERENCE 4-790-E FROM AFCIN-4E4.

MAJOR [REDACTED] NO LONGER TDY THIS HEADQUARTERS. SUGGEST CONTACT
THROUGH HQ. EADF.

BT

29/2016Z APR RJESKB

NNNN

1-7
2-3
4E4
ROUTE TO: 3-4X7a
71CDA
02:12

JOINT MESSAGEFORM				SECURITY CLASSIFICATION	
SPACE BELOW RESERVED FOR COMMUNICATION CENTER					
<div style="position: relative; width: 100%;"> <div style="position: absolute; top: 0; left: 0; font-size: 2em; font-weight: bold; transform: rotate(-15deg);">MULTIPLE</div> <div style="position: absolute; top: 0; right: 0; font-size: 1.5em; font-weight: bold;">ADS</div> <div style="position: absolute; top: 20px; left: 200px; font-size: 1.5em; font-weight: bold;">2</div> <div style="position: absolute; top: 20px; left: 230px; font-size: 1.5em; font-weight: bold;">IC</div> <div style="position: absolute; top: 20px; left: 380px; font-size: 1.5em; font-weight: bold;">01 150 22 24</div> </div>					
PRECEDENCE		TYPE MSG (Check)		ACCOUNTING SYMBOL	ORIG. OR REFERS TO
ACTION ROUTINE		BOOK	MULTI	SINGLE	CLASSIFICATION OF REFERENCE
INFO ROUTINE		X		AF	UNCL
FROM: COMDR, ATIC					SPECIAL INSTRUCTIONS
TO: COMDR, STEWART AFB, NEWBURGH, NEW YORK <i>REPNB</i>					
INFO: COMDR, DET #3, 1006th AISS, STEWART AFB, NEWBURGH, N. Y. <i>REPNB</i>					
UNCLASSIFIED/AFCIN-4E4 <i>5-893-2</i>					
<p>Reference message/BWDOI 58-122, CIRVIS report, from 836th A Div Langley AFB, Virginia. Request your organization contact Major XXXXXXXXXX, Hq. EADF, IG office, your station, to obtain a detailed report of the above officers sighting of a UFO on 14 April 1958, as prescribed by para. 15, AFR 200-2, dtd 5 Feb 58. Data in original report rather limited in scope to evaluate or form any valid conclusion. Reference para. 6, AFR 200-2, authority for this request. Report by TT Msg desired.</p> <p>COORDINATION:</p> <p>AFCIN-4E4 <i>H.A. Miley</i> DATE <i>7 May 58</i> Dr. Miley</p> <p>AFCIN-4E <i>HK Gilbert</i> DATE <i>8 May 58</i> Colonel Gilbert</p>					
SYMBOL		TYPED NAME AND TITLE (if required)		SIGNATURE	
AFCIN-4E4g <i>James C. Bolieu</i>		GEORGE T. GREGORY, CAPT USAF		<i>Mary C. Markovich</i>	
PHONE 6-9216		PAGE NR. 1 NR. OF PAGES 1		TYPED (or stamped) NAME AND TITLE	
SECURITY CLASSIFICATION		UNCLASSIFIED		MAY 1958	



Multi

140pc

1000

50

HEADQUARTERS
EASTERN AIR DEFENSE FORCE
UNITED STATES AIR FORCE
STEWART AIR FORCE BASE, NEW YORK

21 May 1958

SUBJECT: Sighting of UFOB, 14 April 1958

TO: Commander
Air Technical Intelligence Center
Wright-Patterson Air Force Base
Dayton, Ohio

In reference to your unclassified message AFCIN-4E4-5-893-E concerning message BWDOI 58-122 Cirvis Report from 836th Air Division, Langley Air Force Base, Virginia, extensive review by the undersigned indicates no other details of fact. The original report was filed in accordance with paragraph 15, AFR 200-2. All details of fact of UFO sighted were included in report of 14 April. It is understood that report was rather limited in scope but the "object" was in view only four seconds. All known detail was included in original report. U. S. Air Force Technical Information Sheet is attached.

1 Incl
e/s

RECEIVED
Major USAF

U. S. AIR FORCE TECHNICAL INFORMATION SHEET

This questionnaire has been prepared so that you can give the U. S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes, and will be regarded as confidential material. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that, if it is deemed necessary, we may contact you for further details.

PILOT OF: C-47 ACFT. SERIAL NO. 43-30698 . VFR. STEWART AFB N.Y. TO Marietta AFB, GA.

1. When did you see the object?

14 Day APL Month 1958 Year

2. Time of day:

1300

Hour

SEE ORIG. REPORT FOR EXACT TIME.

(Circle One): A.M. or P.M. A

NOT IN ORIG. RPT.

3. Time zone:

(Circle One): a. Eastern
b. Central
c. Mountain
d. Pacific
e. Other

(Circle One): a. Daylight Saving
b. Standard

4. Where were you when you saw the object?

SEE ORIGINAL REPORT. NOT IN ORIG. RPT.

Nearest Postal Address

City or Town

State or Country

Additional remarks:

5. Estimate how long you saw the object.

0 Hours

0 Minutes

4 Seconds

5.1 Circle one of the following to indicate how certain you are of your answer to Question 5.

a. Certain
b. Fairly certain

c. Not very sure
d. Just a guess

6. What was the condition of the sky?

(Circle One): a. Bright daylight (HI-THIN LAYER CLOUD)
b. Dull daylight
c. Bright twilight

d. Just a trace of daylight
e. No trace of daylight
f. Don't remember

7. IF you saw the object during DAYLIGHT, TWILIGHT, or DAWN, where was the SUN located as you looked at the object?

(Circle One): a. In front of you
b. In back of you
c. To your right

d. To your left
e. Overhead
f. Don't remember

8. IF you saw the object at NIGHT, TWILIGHT, or DAWN, what did you notice concerning the STARS and MOON?

8.1 STARS (Circle One):

- a. None
- b. A few
- c. Many
- d. Don't remember

8.2 MOON (Circle One):

- a. Bright moonlight
- b. Dull moonlight
- c. No moonlight — pitch dark
- d. Don't remember

9. Was the object brighter than the background of the sky?

(Circle One):

a. Yes

☒ b. No

c. Don't remember

10. IF it was BRIGHTER THAN the sky background, was the brightness like that of an automobile headlight?:

(Circle One) a. A mile or more away (a distant car)?

b. Several blocks away?

c. A block away?

d. Several yards away?

e. Other _____

11. Did the object:

(Circle One for each question)

- | | | | |
|---|-----|-------------------------------------|------------|
| a. Appear to stand still at any time? | Yes | <input checked="" type="radio"/> No | Don't Know |
| b. Suddenly speed up and rush away at any time? | Yes | <input checked="" type="radio"/> No | Don't Know |
| c. Break up into parts or explode? | Yes | <input checked="" type="radio"/> No | Don't Know |
| d. Give off smoke? | Yes | <input checked="" type="radio"/> No | Don't Know |
| e. Change brightness? | Yes | <input checked="" type="radio"/> No | Don't Know |
| f. Change shape? | Yes | <input checked="" type="radio"/> No | Don't Know |
| g. Flicker, throb, or pulsate? | Yes | <input checked="" type="radio"/> No | Don't Know |

12. Did the object move behind something at anytime, particularly a cloud?

(Circle One):

Yes

☒ No

Don't Know.

IF you answered YES, then tell what

it moved behind: _____

13. Did the object move in front of something at anytime, particularly a cloud?

(Circle One):

Yes

☒ No

Don't Know.

IF you answered YES, then tell what

it moved in front of: _____

14. Did the object appear:

(Circle One):

☒ a. Solid?

b. Transparent?

c. Don't Know.

15. Did you observe the object through any of the following?

- a. Eyeglasses
- b. Sun glasses
- c. Windshield
- d. Window glass

Yes
Yes
☒ Yes
Yes

No
No
No
No

- e. Binoculars
- f. Telescope
- g. Theodolite
- h. Other _____

Yes
Yes
Yes

No
No
No